

IN THE CLAIMS:

The text of all pending claims, (including withdrawn claims) is set forth below for the Examiner's benefit. Cancelled and not entered claims are indicated with claim number and status only. The claims as listed below show added text with underlining and deleted text with ~~strikethrough~~. The status of each claim is indicated with one of (original), (currently amended), (cancelled), (withdrawn), (new), (previously presented), or (not entered).

No changes are made to the claims.

1. (Previously Presented) A method of displaying a markup document and a linked applet within the markup document, the method comprising:

delaying display of image output information for the markup document using image output delay information used to delay display of the markup document, and included in the applet or the markup document; and

synchronizing the delayed image output information for the markup document with applet output information for the applet linked to the markup document, when rendering of the applet is completed, such that the delayed image output information for the markup document and the applet output information for the applet are displayed simultaneously, wherein the applet is formed using the Java programming language.

2. (Original) The method of claim 1, wherein the delaying of the display of the image output information for the markup document comprises buffering the image output information for the markup document.

3. (Original) The method of claim 1, wherein the synchronously displaying the delayed image output information for the markup document and the applet output for an initial image of the applet comprises simultaneously providing the delayed image output information for the markup document and the applet output for the initial image of the applet to a display device based on an output control signal.

4. (Original) The method of claim 1, wherein the applet is formed of program codes having an output method different from that of the markup document.

5. (Original) The method of claim 3, wherein the output control signal is provided from an applet executing engine, which interprets the applet, or a presentation engine, which interprets the markup document.

6. (Original) The method of claim 1, wherein the delaying of the display of the image output information for the markup document comprises buffering text output of the markup document and buffering at least one of an image output and an audio output of the markup document.

7. (Original) The method of claim 2, wherein the buffering comprises buffering text output of the markup document and buffering at least one of an image output and an audio output of the markup document.

8. (Original) The method of claim 3, wherein the delaying of the display of the image output information for the markup document comprises buffering text output of the markup document and buffering at least one of an image output and an audio output of the markup document.

9. (Previously Presented) An information storage medium encoded with computer and/or processor-executable instructions used to control a computer to display a markup document and a linked applet within the markup document, comprising:

the markup document; and

the applet linked to the markup document,

wherein the applet or the markup document includes markup image output delay information used to delay display of the markup document such that image output information of the markup document and applet output information of the applet are synchronized to be displayed simultaneously, and the applet is formed using the Java programming language.

10. (Original) The information storage medium of claim 9, wherein the applet executes in any one state of an initial state, a start state, a stop state, and a destroy state.

11. (Original) The information storage medium of claim 9, wherein the applet includes a delay function as the markup image output delay information for synchronizing display of image

output information of the markup document with display of output information of the applet.

12. (Original) The information storage medium of claim 10, wherein the applet includes a delay function during the start state as the markup image output delay information for synchronizing display of image output information of the markup document with display of output information of the applet.

13. (Original) The information storage medium of claim 10, wherein the applet comprises:

a delay function as the markup image output delay information, which delays display of image output information for the markup document; and

a delay cancel function canceling the delay of the display of the image output information for the markup document, when rendering of an initial image of the applet is completed by the initial and start states of the applet.

14. (Original) The information storage medium of claim 9, wherein the markup document comprises tag or attribute indication information as the markup image output delay information to control synchronous display of output of the markup document with output of the applet.

15. (Previously Presented) A computer system with a display device to display a markup document and a linked applet within the markup document, comprising:

a presentation engine, which interprets the markup document to provide image output information for the markup document; and

an applet executing engine, which interprets the applet linked to the markup document to provide an applet output,

wherein the presentation engine delays display of the image output information for the markup document using image output delay information used to delay display of the markup document, and included in the applet or the markup document, and synchronizes and outputs the delayed image output information of the markup document and the applet output to the display device for simultaneous display, when an output control signal indicating completion of rendering of the applet output is input from the applet executing engine, and the applet is formed using the Java programming language.

16. (Previously Presented) The system of claim 15, wherein the presentation engine comprises a buffer to buffer the image output information of the markup document to delay the display of the image output information for the markup document, in response to the image output delay signal input from the applet executing engine.

17. (Original) The system of claim 15, wherein the presentation engine comprises an audio buffer, which buffers audio output, and a video buffer, which buffers video output, of the image output information of the markup document and/or of the applet output to delay the display of the image output information for the markup document, in response to the output control signal input from the applet executing engine.

18. (Previously Presented) The system of claim 16, wherein the image output delay signal is set according to an amount of rendering time of the markup document and/or the applet.

19. (Previously Presented) A computer system with a display device to display a markup document image and a linked applet image within the markup document image, comprising:

a programmed computer processor to control synchronous output of the markup document image including the linked applet image to the display device, according to display control information included in the markup document image and/or in the linked applet image, so that the markup document image and the linked applet image are displayed simultaneously as a markup image, wherein the applet is formed using the Java programming language.

20. (Previously Presented) The computer system of claim 19, wherein the programmed computer processor controls an order of rendering of the markup document image and the linked applet image according to the display control information to synchronously and simultaneously display the markup document image and the linked applet image as the markup image.

21. (Previously Presented) The computer system of claim 19, wherein the display control information is used to suspend an output for display of the markup document image until

the markup document image and the linked applet image are simultaneously displayable as the markup image.

22-25. (Cancelled)